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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of)
JEAN-MARIE GALPIN, ET AL.) Examiner: Not Assigned
Group Art Unit: Unknown
on: CONTINUOUS CASTING)
INSTALLATION FOR THE)
ELECTROMAGNETIC ROTATION OF)
MOLTEN METAL MOVING INSIDE)
THE NOZZLE)
Serial No.: Unknown)
Filed on: Concurrently herewith) (Our Docket No. 6215-0002WOUS)

Mail Stop PCT
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INFORMATION DISCLOSURE STATEMENT

Dear Sirs:

In accordance with 37 C.F.R. § 1.56, the references set forth below and listed on the attached forms PTO/SB/08A and PTO/SB/08B are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the cited references are enclosed.

U.S. Patent No

Entitled

Dated

4,462,458

Electromagnetic Inducer with a
Rotating Field and Apparatus for the
Continuous Casting of Metal for its Use 07-31-1984

<u>U.S. Patent No</u>	<u>Entitled</u>	<u>Dated</u>
4,834,168	Device for Electromagnetically Stirring Liquid Metal on a Continuous Casting Line	05-30-1989

<u>Foreign Patent No.</u>	<u>Country</u>	<u>Dated</u>
JP 06023498	Japan	02-01-1994
JP 56071563	Japan	06-15-1981
JP 61115654	Japan	06-03-1986
JP 07108355	Japan	04-25-1995
JP 07148561	Japan	06-13-1995

OTHER DOCUMENTS

Database Compendex 'Online!; Engineering Information, Inc., New York NY, US; LI T-J ET AL: "Experimental and computational study of nozzle electromagnetic stirring and its effects on solidification structure"; XP002306071; Database accession no. E20030417329840 abrege.

-& Ironmaking Steelmaking; Ironmaking and Steelmaking October 2002, vol. 29, no. 5, octobre 2002 (2002-10), pages 337-340, XP002306070, figures 1, 5.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such a publication is prior art. Moreover, the Applicant understands that the Examiner is to make an independent evaluation of the cited information.


It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached forms PTO/SB/08A and PTO/SB/08B with initials or other appropriate marks.

10/561067

No fees are considered to be due; however, if it is determined that payment of a fee is required, please charge our deposit account No. 13-0235.

Respectfully submitted,

By


Nicholas J. Tuccillo
Attorney for Applicants
Registration No. 44,322

McCORMICK, PAULDING & HUBER LLP
CityPlace II, 185 Asylum Street
Hartford, Connecticut 06103-4102
Tel. (860) 549-5290
Fax. (860) 527-0464

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(Use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Filing Date	7/3/2013
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First Name(s) inverse:	JEAN-MARIE GRET IN
Art. No.:	

Art Unit	
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Examiner Name	
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Attorney Docket Number	6215-0002WOUS
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U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						1*
Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Country Code Number *Kind Code (if known)				
		JP 06023498	02-01-1994	SUMITOMO HEAVY IND		
		JP 56071563	06-15-1981	SUMITOMO METAL IND		
		JP 61115654	06-03-1986	SHINKO ELECTRIC CO		
		JP 07108355	04-25-1995	KOBE STEEL LTD		
		JP 07148561	06-13-1996	KOBE STEEL LTD		

Examiner Signature		Date Considered	
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***EXAMINER.** Include if reference considered, whether or not citation is in conformance with MPEP 609. Draw lines through citation if not in conformance and not considered. Initials of copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ Japanese patent documents, the indication of the year of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST-16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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